



Fig. 1

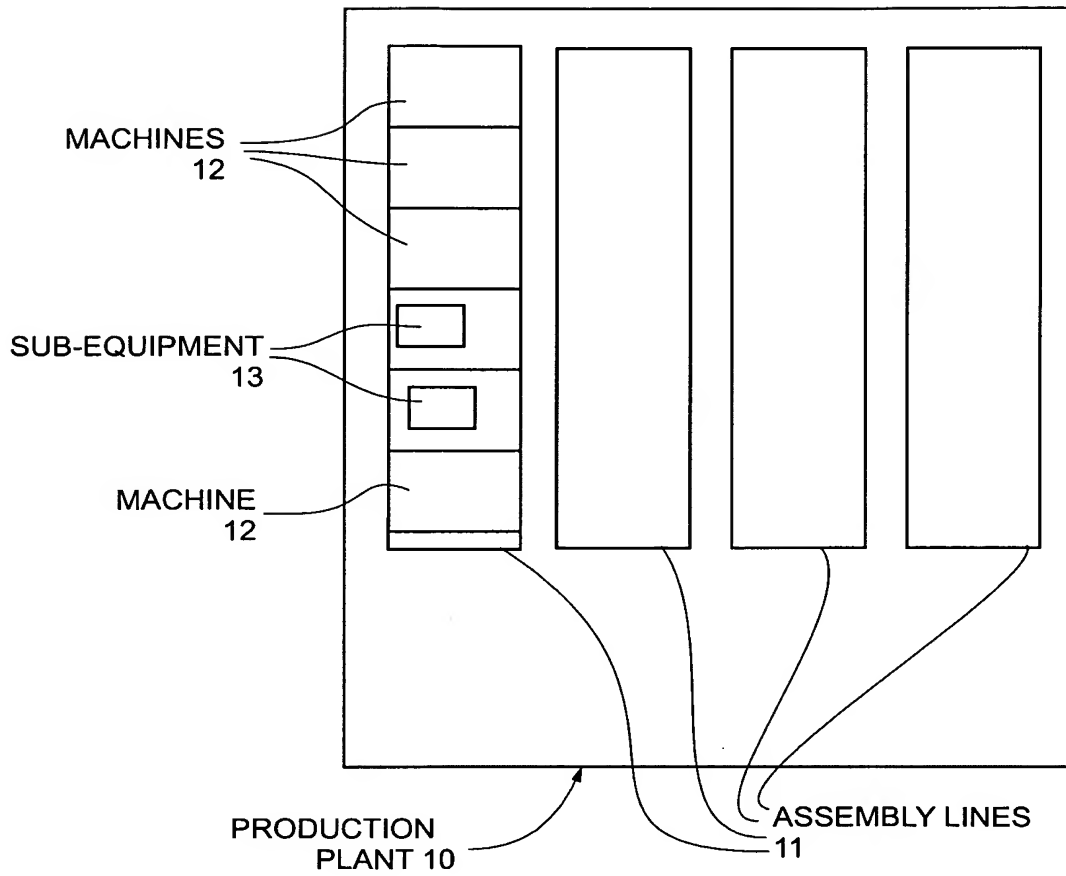


Fig. 2

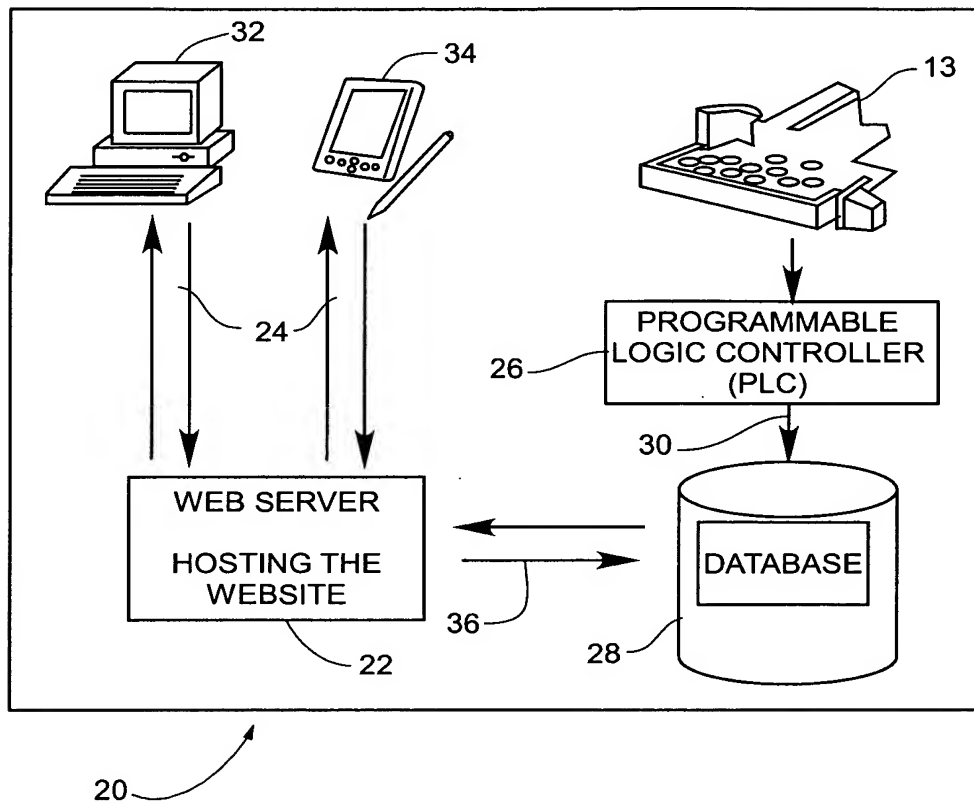
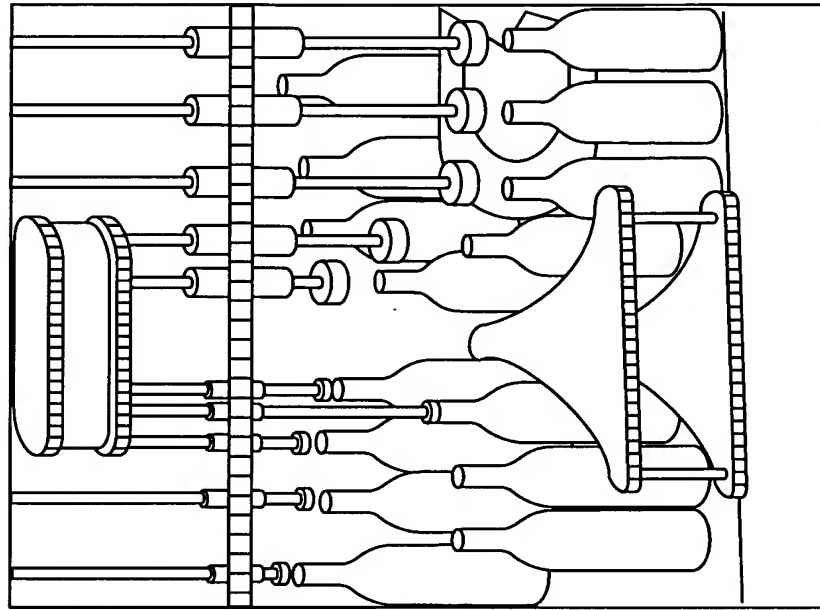
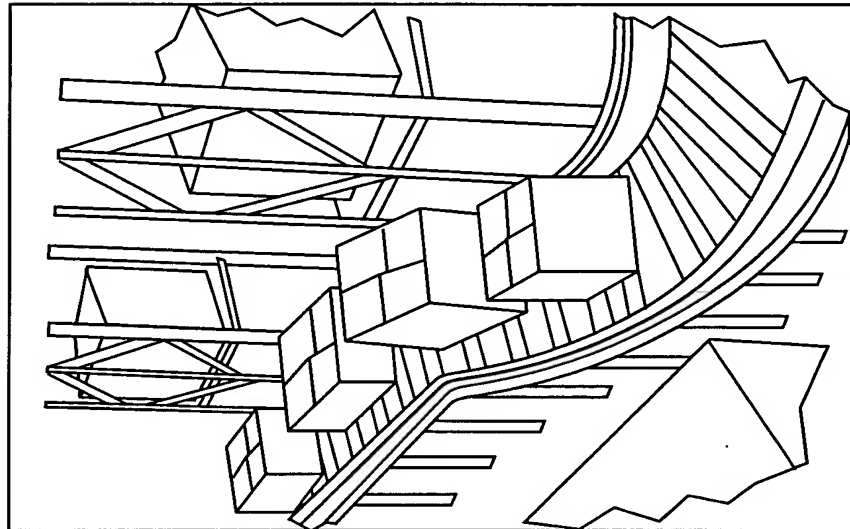


Fig. 3B



42

Fig. 3A



40

Fig. 4

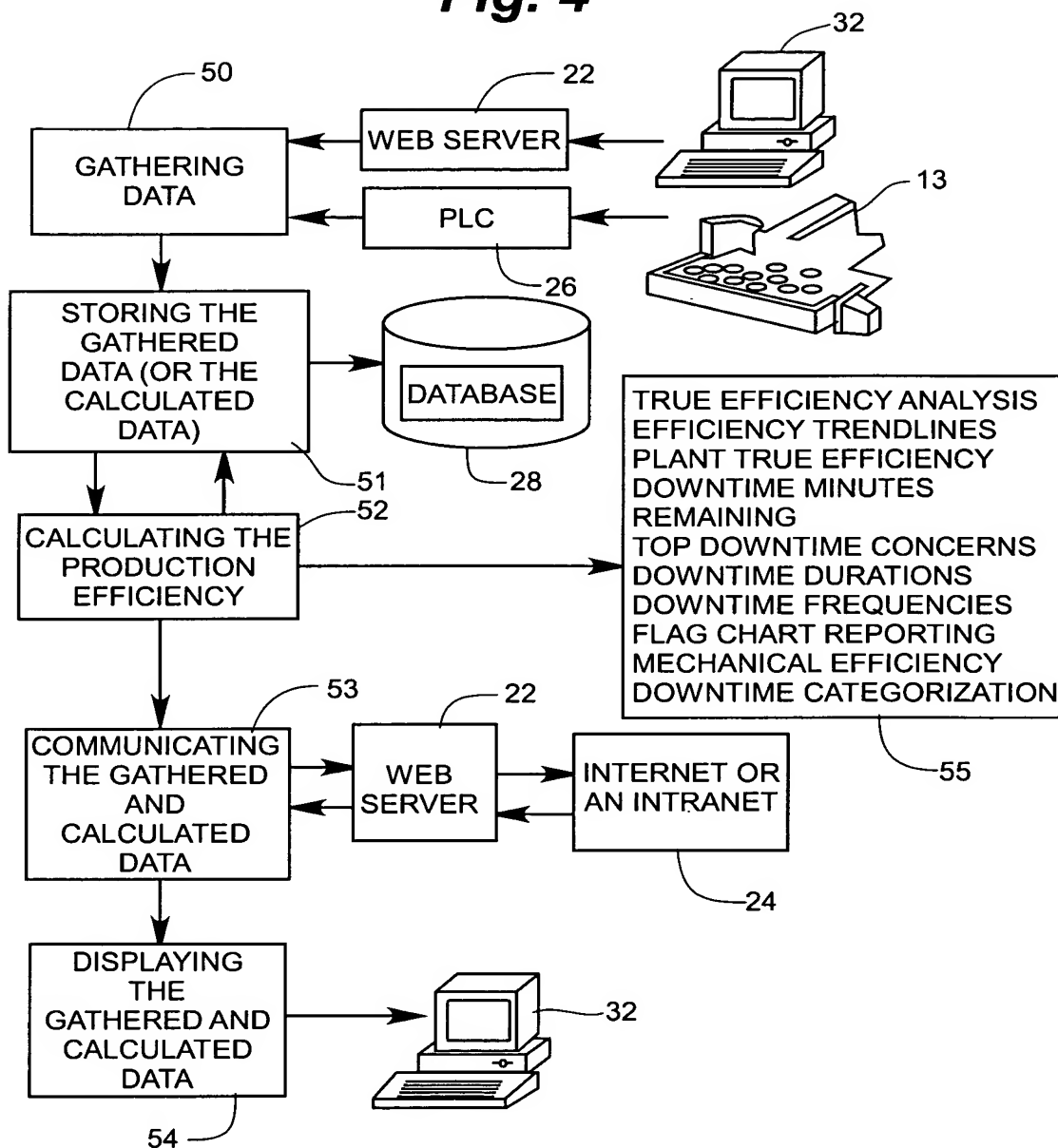


Fig. 5

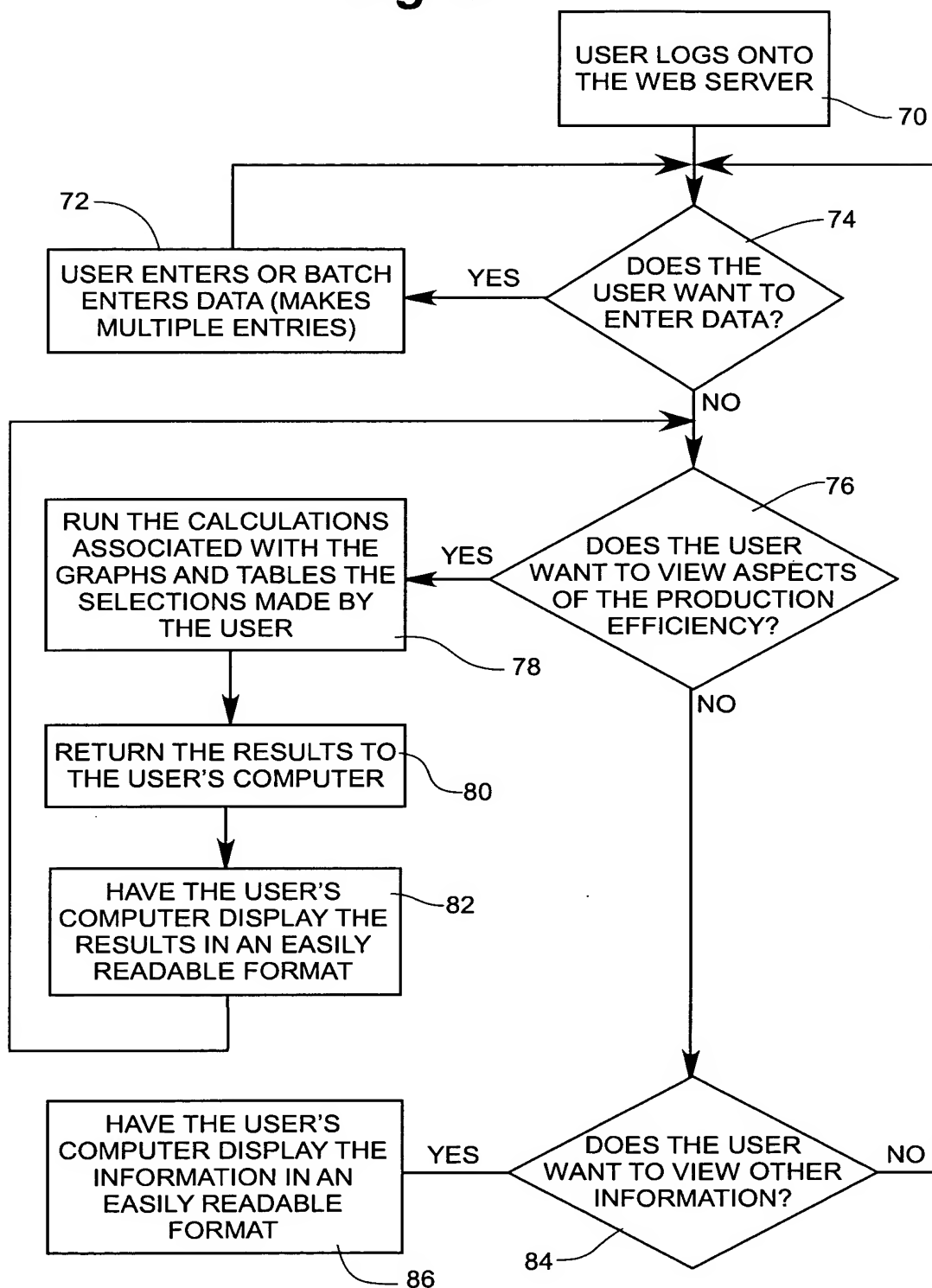
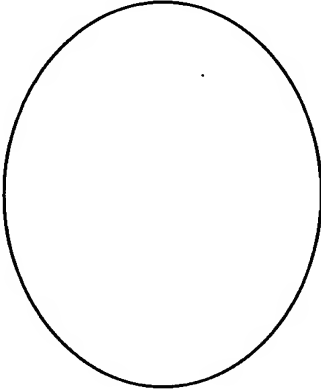


Fig. 6

YODA - Microsoft Internet Explorer provided by The Quaker Oats Company	
File Edit View Fax Tool Help	
<input type="text"/>	
YODA - Main Menu	
<input type="button" value="Help"/>	<input type="button" value="Logout"/>
<div><div><div>Downtime</div><div>Counter Measures</div><div>Waste Analysis</div><div>Reports</div><div>Maintenance</div></div><div></div><div>Welcome Yoda Version 1.0</div></div>	

100

Fig. 7

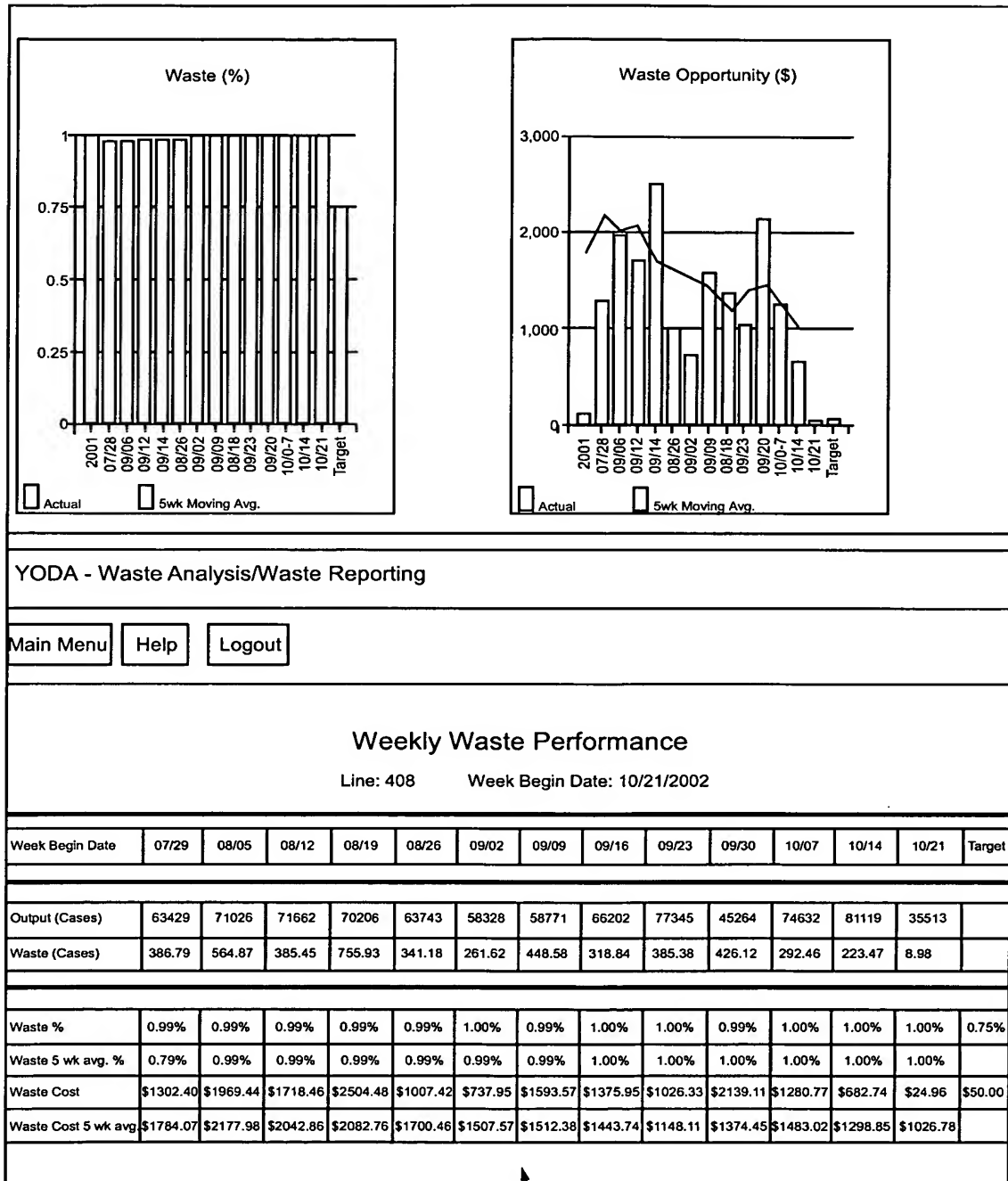


Fig. 8

YODA - Microsoft Internet Explorer provided by The Quaker Oats Company

File Edit View Fax Tool Help

YODA - Reports/Steering Pack

Main Menu Reports Held Logout

[Go Back](#) Performance Summary Report by Shift
Line 400 - #5 Jones Week Begin 07-21-2003

	21	22	23	24	25	26	27	WB: 07-21-2003	
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Per Shift	
	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	Total
Actual Output (Cases)	2342 3236 2871	2037 2851 2833	2384 833	2037 2851 2833	2037 2851 2833	2037 2851 2833	2037 2851 2833	2037 2851 2833	29244
Line Hours (Hours)	8.00 8.00 8.00	8.00 8.00 8.00	8.00 8.00 8.00	8.00 8.00 8.00	8.00 8.00 8.00	8.00 8.00 8.00	8.00 8.00 8.00	8.00 8.00 8.00	108
Capable Rate (for each product code)	4167 4167 4167	4167 4167 4167	4167 4167	4167 4167 4167	4167 4167				
Downtime (mins)	136 13 63	86 55 82	634 480 358	299 237 298	295 158			858 943 768	2805
% Process Efficiency	70% 87% 86%	79% 86% 70%	71% 0% 72%	37% 45% 33%	37% 44% 0%	0% 0% 0%	0% 0% 0%	42% 39% 38%	37%
Lost time due to Downtime	30% 3% 14%	21% 14% 31%	28% 100% 88%	83% 55% 67%	83% 58% 100%	100% 100% 100%	100% 100% 100%	68% 61% 78%	63%

Bold = Default capable rate used, product code not found.
Red = No outputs found at the beginning of the shift. They may be incorrect.

[Go Back](#) Downtime Detail Report by Shift
Line 400 - #5 Jones Week Begin 07-21-2003

	21	22	23	24	25	26	27	WB: 07-21-2003	
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Per Shift	
Description	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	3 1 2	Total
1. E. SCHEDULE S. SCHEDULE R. PM	Mins Stops		480 80 1 2					480 80 1 2	560 3
2. E. POUCHER S. POUCHER R. WEB AROUND	Mins Stops	3 11 1 2	13 3 3 1	9 14 3 2	9 38 81 3 5 11	74 4		108 38 100 145 16	255 35
3. E. POUCHER S. POUCHER	Mins Stops		98 3	84 24 2 3				84 122 2 6	206 8

Fig. 9

YODA - Microsoft Internet Explorer provided by The Quaker Oats Company						
File Edit View Fax Tool Help						
YODA - Reports/Downtime Detail						
<div>Main Menu Reports Held Logout</div>						
<div>Go BackExport to Excel</div>						
<div>Downtime Summary</div> <div>Line: 400</div> <div>Equipment: CARTONER</div> <div>Sub Equipment: CARTONER</div> <div>Reason Code: L-Shaped Carton Detector</div> <div>Date Range: 06/15/2003 - 07/12/2003</div>						
2061	400	CARTONER	CARTONER	L-SHAPED CARTON DETECTOR	6	18
Total					6	18